

Name: \_\_\_\_\_

Date October 30, 2014

Topic: Equation of a line- Worksheet 2

Do the following:

1. Find the equation of the line that has a slope of 9 and passes through the point  $(-3, 2)$
2. Find the equation of the line that has a slope of 8 and a y-intercept of 10.
3. Find the equation of the line that passes through the points  $(2, 5)$  and  $(-8, 4)$ .
4. Find the slope of the line whose equation is  $6y - 12x = 11$ .
5. Find the equation of the line that has a slope of 8 and passes through the point  $(-5, 8)$ .
6. Find the equation of the line that has a slope of 7 and a y-intercept of 12.
7. Find the equation of the line that passes through the points  $(14, 7)$  and  $(4, 9)$ .
8. Find the slope of the line whose equation is  $11y - 4x = 14$ .
9. Find the equation of the line that has a slope of 3 and passes through the point  $(-5, 6)$ .
10. Find the equation of the line that has a slope of -10 and a y-intercept of 14.

